SURFACE OPTICS CORPORATION

710 Lab Tower with Translation Stage

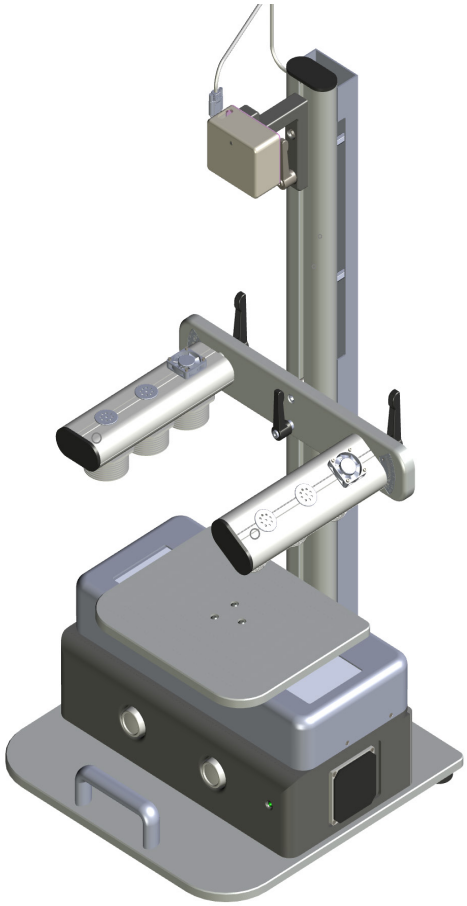
CAMERA MOUNT COMPATIBLE WITH 710-HYCORE

Pair your 710-HyCore VNIR with the Lab Tower and precision Translation Stage to unlock consistently high-quality hyperspectral data. The rigid tower ensures repeatable alignment and controlled geometry, while the smooth, programmable stage maintains constant scan speed to match integration time, frame rate, and sample motion.

With stable, uniform illumination, this integrated setup minimizes motion blur, misregistration, and radiometric striping so your advanced algorithms can fully capitalize on clean, reliable material signatures.

SPECIFICATIONS

Dimensions (D x L x H)	18” x 18.25” x 39.5” (45.7 cm x 464 cm x 100.3 cm)
Camera Height Adjustment	150 mm (min/max from surface)
Sample Tray Dimensions	8.5 in x 11 in (215.9 mm x 279.4 mm)
Maximum Scan Length	11 in (279.4 mm)
Weight	35 kg
Maximum Sample Weight	20 kg
Light Rails	2
Lamps per Rail	3
Illumination	SYLVANIA 20W @ 12V (2800K CCT)
Input Voltage	110 - 130 VAC
Minimum Working Distance (Lens to Surface)	0” (0 mm}
Maximum Working Distance	23.5” (59.6 cm)



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